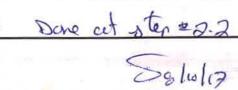
Dart Aerospace Ltd. Wednesday, 08/10/2008 2:00:19 PM Date: User: Julie Lecocq **Process Sheet Drawing Name** : WEARPLATE : CU-DAR001 Dart Helicopters Services Customer Job Number : 42513-**Estimate Number** : 10437 : D33191 Part Number P.O. Number : 08/10/2008 S.O. No. : **Drawing Number** : D3319 REV. B This Issue : N/A : NC Project Number Prsht Rev. : 11 : SMALL /MED FAB Type **Drawing Revision** First Issue : 41938 Material Previous Run : 25/10/2008 Qty: Due Date Written By Checked & Approved By Added step 9, dwg rev B KJ/EC Comment Est Rev:C Now on Waterjet 06-10-26 JLM **Additional Product** Job Number: Description: Seq. #: Machine Or Operation: 1010/1025 SHEET .048 1.0 M1010S18GA Comment: Qty.: 7.9128 sf(s) 0.6594 sf(s)/Unit 1010/1025/A21/6aA SHEET .048 2.0 Comment: FLOW WATER JET 1-Cut as per Dwg D3319 IR 8-10-16 Dwg Rev:_ Prog Rev:_ 2-Deburr if necessary INSPECT PARTS AS THEY COME OFF MACHINE 3.0 QC2 B 8-10-16 Comment: INSPECT PARTS AS THEY COME OFF MACHINE SECOND CHECK 4.0 QC8 Comment: SECOND CHECK

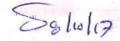
SMALL & MEDIUM FAB RESOURCE 1

Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr if necessary

SMALL FAB 1





5.0

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANGE	S					
DATE	STEP	PROC	EDURE CH	ANGE	By Date Qty Chie				Approval Chief Eng / Prod Mgr	Approval QC Inspector
			2	a						
Part No		PAR #:	Fault Ca	tegory:	NCR:	Yes N	lo DQ/	٨:	Date:	
	R	esolution:	Disposit	ion:	QA: N	C Clos	sed:		Date:	
NCR:		W	ORK OR	DER NON-CONFORMAI	NCE (NCR)				
	STEP	Description of NC	Corrective Action Section B			Verifica		ation	ion Approval	Approval
DATE		Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section C		Chief Eng	QC Inspector

NOTE: Date & initial all entries

Date: Wednesday, 08/10/2008 2:00:19 PM Julie Lecocq User: **Process Sheet** Drawing Name: WEARPLATE Customer: CU-DAR001 Dart Helicopters Services Job Number: 42513 Part Number: D33191 Job Number: Seq. #: Machine Or Operation: Description: BRAKE NC NC BRAKE 6.0 Comment: NC BRAKE 1- Form using DT8326 & DT8261 as per Dwg D3319 Rev: 2- Form flat on press using DT8776 block DIMENSIONAL CHECK 7.0 QC6 Comment: DIMENSIONAL CHECK 8.0 LARGE FAB LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1- Layout weld location as per Dwg D3319 using jig D3319-1T3 2- Weld hard surface using D3319-1T2 per QSI 004 and Dwg D3319 Rev: Description Qty Part Number m109560 7560 Hardcoat Rod A/R N/A VISUAL INSPECTION OF GROUND WELDS 9.0 QC10 Comment: VISUAL INSPECTION OF GROUND WELDS QC5 INSPECT WORK TO CURRENT STEP 10.0 Comment: INSPECT WORK TO CURRENT STEP 11.0 POWDER COATING POWDER COATING m 106442 Comment: POWDER COATING Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 START TIME: 08/10/28 OVEN TEMPERATURE: FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVERSION QC3 12.0 Comment: INSPECT POWDER COAT

Dart Aerospace Ltd

Dai: 1101	оориос								
W/O:			V	ORK ORDER CHANGE	S				
DATE	STEP	PROC	CEDURE CH	IANGE	Ву				Approval QC Inspector
		18							
Part No	:	PAR #:	_ Fault Ca	tegory:	NCR: Yes	No DQ	A:	Date:	3
	R	esolution:	_ Disposit	ion:	QA: N/C C	losed:		Date: _	
NCR:		W	ORK OR	DER NON-CONFORMA	NCE (NCF	₹)		25-	
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Action Description	n B Sign 8		cation	Approval Chief Eng	Approval QC Inspector
		Section A	Chief Eng	Chief Eng	Date		on C	Chief Eng	QC Inspector

NOTE: Date & initial all entries

Date:

Wednesday, 08/10/2008 2:00:19 PM

User:

Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 42513

Part Number: D33191

Job Number:



Seq. #:

Job Completion

Machine Or Operation:

Description:

13.0

PACKAGING 1

PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1

Identify on inside surface using a permanent fine point marker with the following:

TCCA-PDA, Dart Aerospace Ltd. P/N: D3319-1, B/N: BXXXXX For Product Eligibility see PDA05-18

and Stock Location:

496

14.0 QC21

Comment: FINAL INSPECTION/W/O RELEASE



L 08,100,29

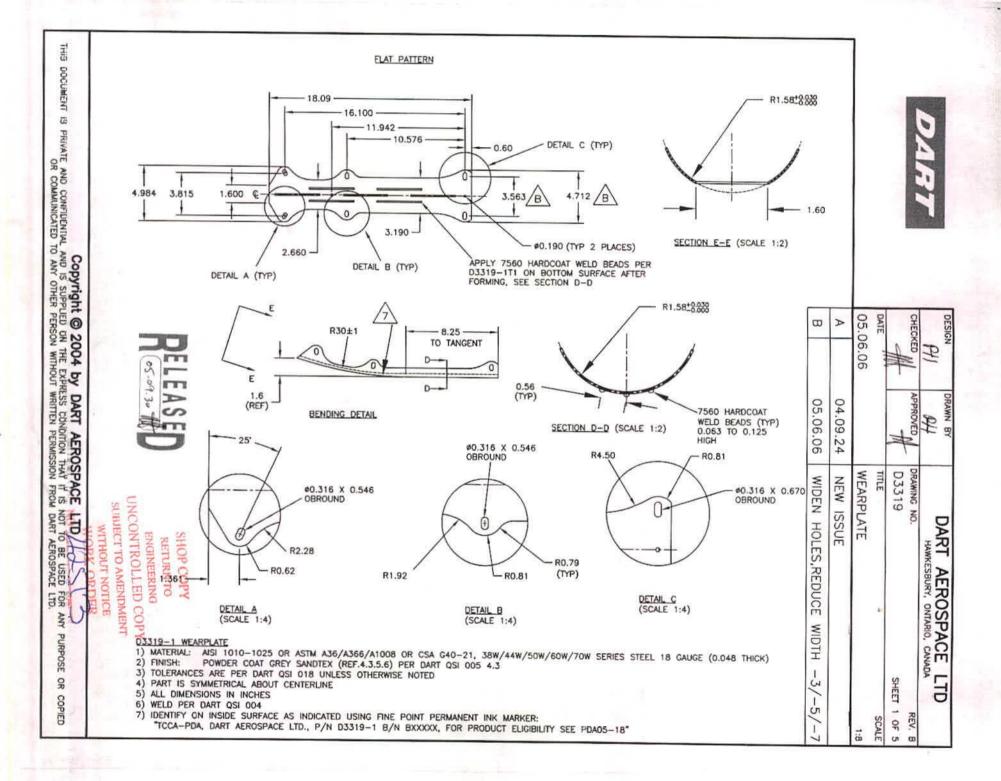
Dart Aerospace Ltd

1	WORK ORDER CHANGES						
STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		<u> </u>					
		<u>Y.</u> .					
;	TEP	AN 1997-30- 8 PP	TEP PROCEDURE CHANGE	TEP PROCEDURE CHANGE By	TEP PROCEDURE CHANGE By Date	TEP PROCEDURE CHANGE By Date Qty	TEP PROCEDURE CHANGE By Date Qty Approval Chief Eng / Prod Mgr

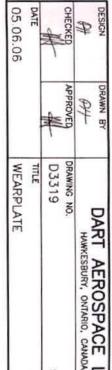
NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Annuoval	A			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
	ate & initial al									

DART AEROSPACE LTD	Work Order:	2513
Description: Wearplate	Part Number:	D3319-1
Inspection Dwg: D3319 Rev: B		Page 1 of 1

	FIRST ARTIC				т	
Drawing	X Firs	Actual Dimension	Accept	totype Reject	Method of Inspection	Comments
Dimension		III SELECTION FRANCES				
4.984	+/-0.010	4.981	¥			
1.600	+/-0.010	1.604	8			
2.660	+/-0.010	2,658	æ			
3.190	+/-0.010	3,196	X			
3.563	+/-0.010	3,560	×			
4.712	+/-0.010	4,716	L			
0.60	+/-0.030	.600	E			
10.576	+/-0.010	10.576	*			
11.942	+/-0.010	11,947	20			
18.09	+/-0.030	18.00	X			
Ø0.316 x 0.546	+0.006/-0.001 x +/-0.010		×			
Ø0.316 x 0.670	+0.006/-0.001 x +/-0.010	317 x 671	X.			
Ø0.190	+0.005/-0.001	,194	×			
				700 00 10	620 0011	30 May 1
Measured by:	Audite	0	1	Prototy	pe Approval:	N/A
Date:	8-10-16	Date: 08 (oly		Date:	N/A
Rev Date	Change				Revised b	y Approved

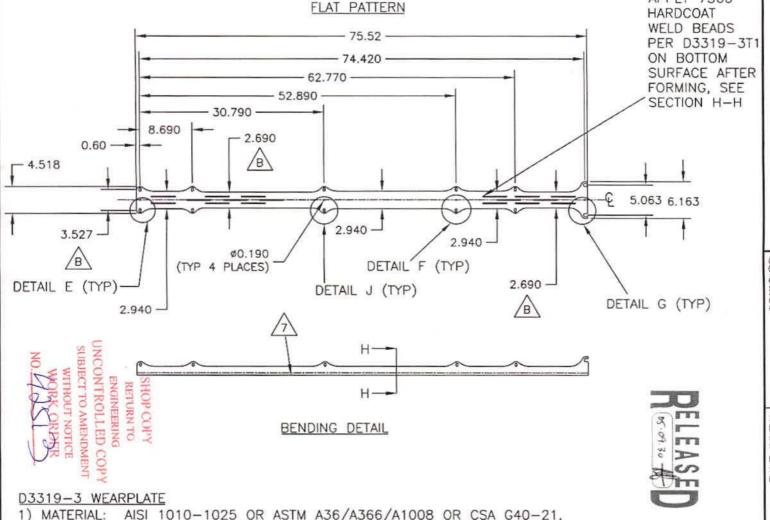


APPLY 7560



SCALE

유 C



- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
- POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3 2) FINISH:
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004

HIS

DOCUMENT

S

Copyright © 2004 by DART AEROSPACE LTD PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE

당점

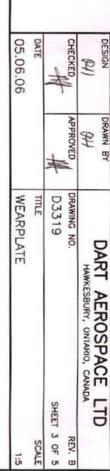
ANY

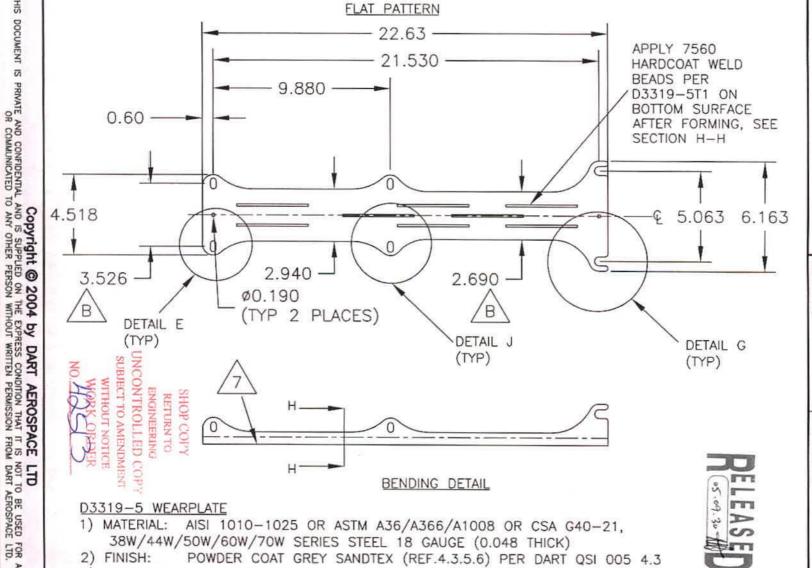
PURPOSE

SR

COPIED

7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER: "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-3 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18"





- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004

SIE

DOCUMENT

N

FOR

ANY

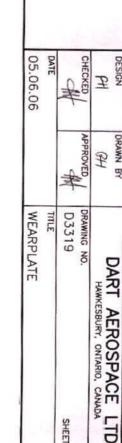
PURPOSE

유

COPIED

7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER: "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-5 B/N BXXXXX. FOR PRODUCT ELIGIBILITY SEE PDA05-18"

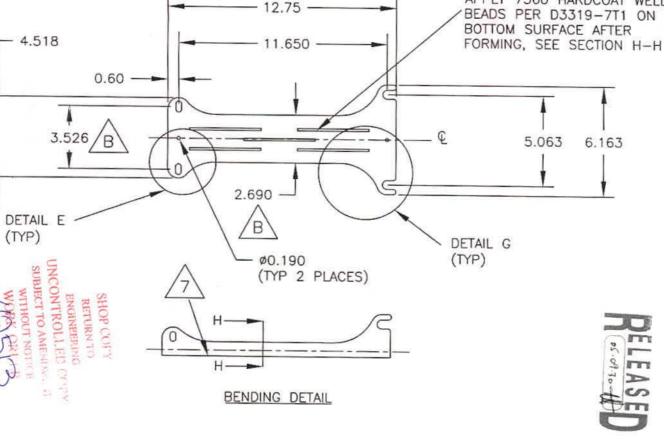
APPLY 7560 HARDCOAT WELD



SHEET

4 OF 5

P



D3319-7 WEARPLATE

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)

FLAT PATTERN

- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004
- 7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER: "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-7 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18"

Copyright @ 2004 by DART AEROSPACE LTD

PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED OR COMMUNICATED TO ANY DIHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE

H

ANY

PURPOSE

OR

COPIED

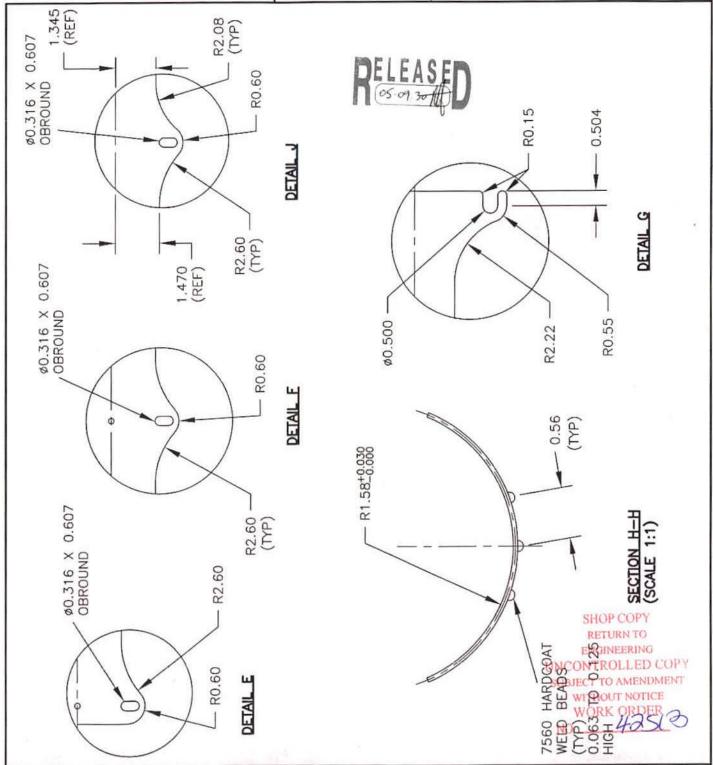
SHI

DOCUMENT

S



DESIGN	DRAWN BY		OSPACE LTD ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D3319	REV. B SHEET 5 OF 5
DATE	1 13	TITLE	SCALE
05.06.06		WEARPLATE	1:3



Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.